

WHAT IS CLAIMED IS:

1. A wireless telephone comprising:
a memory, comprising:
a synchronization routine; and
5 a database;
said synchronization routine is adapted to automatically transmit information reflecting a database change to a computer over a wireless network.
2. The wireless telephone of claim 1, wherein said transmission of the information occurs after said synchronization routine identifies a difference between
10 said database and a database on the computer.
3. The wireless telephone of claim 1, wherein said transmission of the information occurs after a predetermined period of time.
4. The wireless telephone of claim 1, wherein said transmission of the information occurs after said synchronization routine identifies a predetermined
15 number of differences between said database and a database on the computer.
5. The wireless telephone of claim 1, wherein said database comprises a plurality of names and associated telephone numbers and other information.
6. A computer-implemented method for synchronizing a data file of a wireless telephone with a data file of a computer over a wireless network, the method
20 comprising:
storing a synchronization routine in a memory of the wireless telephone;

monitoring a change to the data file of the wireless telephone;
initiating the synchronization routine to transmit the change to the computer
over the wireless network; and
receiving the change by the computer.

5 7. The method of claim 6, wherein the monitoring step further comprises
comparing the data file of the wireless telephone with a data file stored on a controller
on the wireless network.

8. The method of claim 6, wherein the initiating step further comprises:
transmitting data file changes from the wireless telephone to a controller on
10 the wireless network;

updating a data file on the controller to reflect the changes from the wireless
telephone; and

transmitting data file changes from the controller to the computer.

9. A computer-implemented method for synchronizing a data file of a
15 computer with a data file of a wireless telephone over a wireless network, the method
comprising:

storing a synchronization routine in memory of the computer;

monitoring the data file of the computer;

initiating the synchronization routine located in memory of the computer to
20 transmit data file changes from the computer to the wireless telephone over the
wireless network; and

receiving the data file changes by the wireless telephone.

10. The method of claim 9, wherein the monitoring step further comprises comparing the data file of the computer with a data file stored on a controller on the wireless network.

5 11. The method of claim 9, wherein the initiating step further comprises: transmitting data file changes from the computer to a controller on the wireless network;

updating a data file on the controller to reflect the changes from the computer; and

10 transmitting data file changes from the controller to the wireless telephone.

12. A computer-implemented method for synchronizing a data file of a wireless telephone with a data file of a computer over a wireless network, the method comprising:

15 periodically initiating a synchronization routine located in memory of the wireless telephone to transmit information reflecting data file changes from the wireless telephone to the computer; and

receiving the data file changes by the computer.

13. The method of claim 12 comprising the step of initiating a synchronization routine located in memory of the wireless telephone to transmit data file changes from the wireless telephone to the computer, provided a predetermined number of changes to the data file have been observed.

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14. A computer-implemented method for synchronizing a data file of a computer with a data file of a wireless telephone over a wireless network, the method comprising:

periodically initiating a synchronization routine located in memory of the
5 computer to transmit data file changes from the computer to the wireless telephone, provided a predetermined period of time has elapsed; and
receiving the data file changes by the wireless telephone.

15. The method of claim 14 comprising the step of initiating a synchronization routine located in memory of the computer to transmit data file
10 changes from the computer to the wireless telephone, provided a predetermined number of changes to the data file have been observed.

16. A computer-implemented method for synchronizing a data file of a wireless telephone with a data file of a computer over a wireless network, the method comprising:

15 means for monitoring a change to the data file of the wireless telephone;
means for initiating a synchronization routine located in memory of the wireless telephone to transmit the change to the computer over the wireless network;
and
means for receiving the change by the computer.

20 17. The method of claim 16, wherein the means for monitoring further comprises means for comparing the data file of the wireless telephone with a data file

stored on a controller on the wireless network.

18. The method of claim 16, wherein the means for initiating further comprises:

means for transmitting data file changes from the wireless telephone to a
5 controller on the wireless network;

means for updating a data file on the controller to reflect the changes from the wireless telephone; and

means for transmitting data file changes from the controller to the computer.

19. A computer-readable medium contains instructions for synchronizing a
10 data file of a wireless telephone, the method comprising:

monitoring a change to the data file of the wireless telephone;

initiating a synchronization routine located in memory of the wireless telephone to transmit the change to the computer over the wireless network; and

receiving the change by the computer.

20. The computer-readable medium of claim 19, wherein the monitoring
15 step further comprises comparing the data file of the wireless telephone with a data file stored on a controller on the wireless network.

21. The computer-readable medium of claim 19, wherein the initiating step further comprises:

20 transmitting data file changes from the wireless telephone to a controller on the wireless network;

updating a data file on the controller to reflect the changes from the wireless telephone; and

transmitting data file changes from the controller to the computer.

22. A wireless network for synchronizing a data file of a wireless telephone with a data file of a computer, said network comprising:

a wireless telephone;

a controller coupled to said wireless telephone by a wireless interface, said controller comprising a synchronizing routine; and

a computer coupled to said controller;

- 10 said synchronizing routine adapted to:

compare a controller memory to a corresponding memory of the wireless telephone;

update the controller memory to reflect any differences resulting from the comparison; and

- 15 transmit the changes to the computer.

23. The wireless network of claim 22, wherein said wireless telephone further comprises a synchronizing routine.

24. The wireless network of claim 23, wherein the synchronizing routine associated with the wireless telephone is adapted to:

- 20 compare a memory of the wireless telephone to a corresponding memory of the computer; and

update the wireless telephone memory to reflect the changes from the comparison.

25. The wireless network of claim 22, wherein said computer further comprises a synchronizing routine.

5 26. The wireless network of claim 25, wherein the synchronizing routine associated with the computer is adapted to:

compare a computer memory to a corresponding memory of a wireless telephone; and

10 update the memory location associated with the computer to reflect the changes from the comparison.

27. A computer-implemented method for synchronizing a data file of a wireless telephone with a data of a computer over a wireless network, the method comprising:

15 establishing a voice communication link between the wireless telephone and a second telephone;

initiating a synchronization routine to transmit the data file from the wireless telephone to the computer over the wireless network; and

receiving the data file by the computer.

28. The method of claim 27, wherein the initiating step further comprises:
20 comparing the data file of the wireless telephone with a data file stored on a controller on the wireless network and;

initiating a synchronization routine to transmit the data file from the wireless telephone to the computer over the wireless network, upon the occurrence of a predetermined event.

29. The method of claim 27, wherein the initiating step further comprises
5 transmitting data file changes from the wireless telephone to a controller on the wireless network; and

updating a data file on the controller to reflect the changes from the wireless telephone.

30. The method of claim 29 further comprising transmitting data file
10 changes from the controller to the computer.

31. A computer-implemented method for synchronizing a data file of a wireless telephone with a data of a computer over a wireless network, the method comprising:

establishing a voice communication link between the wireless telephone and a
15 second telephone;

initiating a synchronization routine to transmit the data file from the computer to the wireless telephone over the wireless network; and

receiving the data file by the wireless telephone

32. The method of claim 31, wherein the initiating step further comprises:
20 comparing the data file of the wireless telephone with a data file stored on a controller on the wireless network and;

initiating a synchronization routine to transmit the data file from the wireless telephone to the computer over the wireless network, upon the occurrence of a predetermined event.

33. The method of claim 31, wherein the initiating step further comprises
5 transmitting data file changes from the computer on the wireless network to the wireless telephone; and

updating the data file on the wireless telephone to reflect the changes from the computer.

34. The method of claim 31 further comprising transmitting data file
10 changes from the computer to a controller on the wireless network.

35. A system, comprising:
a wireless telephone, comprising a database;
a computer, comprising:
a synchronization routine; and
15 a database; and
a wireless network interconnecting the wireless telephone to the computer;
said computer adapted to automatically invoke the
synchronization routine to synchronize the telephone database with the computer
20 database, upon the occurrence of a predetermined event.

36. The system of claim 35, wherein said wireless telephone further

comprises a synchronization routine.

37. The system of claim 36, wherein said wireless telephone is further adapted to automatically invoke the wireless telephone synchronization routine to synchronize the computer database with the wireless telephone database, upon the
- 5 occurrence of a predetermined event.

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